

Division of Enterprise Technology

Classification Title: IS Enterprise Technical Services Specialist

Working Title: Enterprise Cloud Specialist

Type of Employment: FTE

POSITION DESCRIPTION

Under the general supervision of the Director of Technical Architecture & Project Management this position is the primary contact and program manager for the State of Wisconsin's cloud computing strategy. This strategy would include but not be limited to cloud adoption planning, cloud application design/deployment, and cloud monitoring and management. This position has enterprise-wide responsibility and acts as an for cloud computing related matters and provides guidance to the DET Chief Technology Officer and Senior leadership on the development, implementation, and management of technical architecture platforms for agencies and across the enterprise. It performs difficult research for the management of the application and infrastructure technologies that comprise the statewide technical architecture.

In addition, the incumbent leads or serves on advisory committees and works closely on agency projects.

40%

A. Proficiency in Cloud Computing technologies and strategies that impact individual agencies and enterprise-wide.

- A1. Provide technical consulting and enterprise direction for cloud computing projects that may cross multiple technologies, platforms and administrative boundaries.
- A2. Drive cloud adoption internally and externally by providing and disseminating Cloud computing expertise internally and externally.
- A3. In collaboration with technical leads from within DET and other agencies, develop, implement, and communicate Enterprise Technology Standards for cloud computing technologies to reduce overall complexity and increases cost efficiency for the technologies in use within the State of Wisconsin.
- A4. Provide direction in the areas of technical policy and standards to agency and enterprise work groups such as the technical architecture review committee and business solutions teams.
- A5. Develop and gain approval for projects that align to enterprise cloud computing strategies and business objectives, with a focus on Cloud Migrations.
- A6. Participate in project efforts to guarantee that the technical architecture of cloud computing and assigned projects aligns with the architectural guiding principles.

- A7. Provide consultation, guidance, and recommendations for implementations of infrastructure and application technologies for DOA and other state agencies. Communicate these items to non-technical and technical stakeholders.
- A8. Provide cloud cost analysis based on use cases/anticipated use to internal and external to customers.

30%

B. Performance of complex research and design work involving cloud architecture, licensing, contracts, platforms and statewide technology initiatives.

- B1. Perform complex research and analysis of cloud architecture issues that impact the deployment of new or existing infrastructure or application architectures including licensing and contractual issues.
- B2. Write complex business and cost-benefit cases to help justify cloud and technical architecture decisions.
- B3. Provide consultation and guidance for implementations of projects which have a significant impact on the technologies in use within the State of Wisconsin. Present recommendations to senior technical and business leaders.
- B4. Provide timetables and secure adequate computing resources for specific research projects.
- B5. Coordinate research efforts, across multiple technical teams, and analyze the impact for the initiatives.
- B6. Lead efforts to design cloud and technical solution architectures for DET services and customer projects.

20%

C. Management of executive level IT technical architecture policies and procedures which have significant impact on major statewide issues and enterprise policy.

- C1. Assist the BTAPM Director and other technical teams with the development of policy proposals and issue papers related to implementing new or enhancing existing complex technical architecture matters, including providing conceptual background information and data.
- C2. Collaborate with technical and policy teams in the preparation of policy and procedure documents for dissemination across multiple groups, technical and non-technical, that provide guidance and information related to cloud computing technologies and strategies.
- C3. Assist in the development of comprehensive communication plans for new or changes to policies or procedures.

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- C4. Assist the Director with defining, creating, and recommended to DET Executive Leadership cloud computing policies and procedures for the State of Wisconsin and its customers.

10%

D. Other duties as assigned.

- D1. Serve on agency or enterprise-wide groups and committees as assigned/
D2. Perform special projects as assigned.

Knowledge, Skills, and Abilities

1. Knowledge of and experience with technical architecture practices
2. Knowledge of and experience with application architecture practices
3. Knowledge of storage solutions
4. Knowledge of and experience with cloud computing technology and infrastructure
5. Knowledge of legalities involving cloud computing
6. Knowledge of and experience with cloud integration tools and services
7. Knowledge of networking practices
8. Knowledge of and experience with project management practices
9. Knowledge of meeting best practices and facilitation
10. Knowledge of problem solving and risk mitigation practices
11. Knowledge of enterprise security practices
12. Knowledge of LEAN principles
13. Well-developed communication skills, written and verbal
14. Developed leadership skills
15. Strategic/business aptitude
16. Strong planning and organizational skills
17. Ability to derive solutions from technical documentation along with non-technical requirements supplied by customers